

REMARKS

By this amendment, claims 21-23, 27, 29-30, and 40 have been amended. Claims 33-39 are withdrawn. Claims 21-40 are pending in the application. Applicants reserve the right to pursue the original claims and other claims in this and other applications.

The title has been amended to correct a typographical error in the word “PROCESSING” that appears in PAIR. No new matter has been added.

Claims 21-24, 34-32, and 40 stand rejected under 35 U.S.C. § 102(b) as being anticipated by Martino et al. (US 5,276,314). This rejection is respectfully traversed.

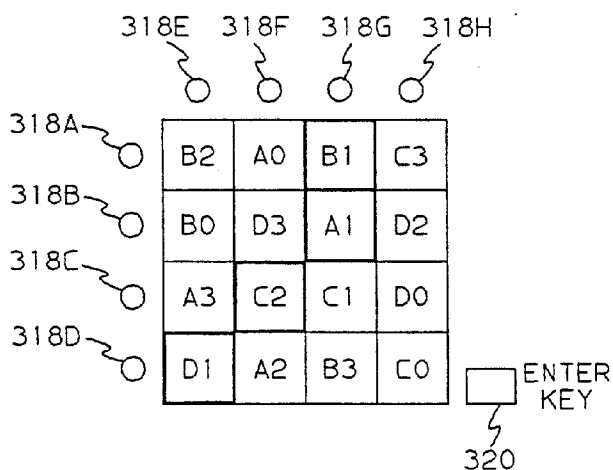
Claim 21 recites a method of inputting a password for authentication comprising, *inter alia*, “displaying a matching board comprising a certain cell and at least one other cell and a reference board comprising a first cell and at least one other cell on a user interface; and receiving the password from a user matching the certain cell of the matching board with the first cell of the reference board comprising a password symbol, to authenticate the received password, such that the matching board moves to allow the certain cell of the matching board to correspond with the first cell of the reference board if the certain cell and the first cell are not already in correspondence with one another” (emphasis added). Applicants respectfully submit that Martino et al. does not disclose at least these features.

To the contrary, Martino et al., as taught in col. 3, ln. 14-50 and FIGs. 3 and 4, appears

limited to a process of password authentication involving arranging a plurality of symbols representing a user's password with a pre-assigned configuration of symbols known as the user's KEY STATE definition.

That is, Martino et al.'s invention appears to require a user to choose a pre-arranged configuration (i.e., the KEY STATE definition) on a grid. *See* reference numbers B1, A1, C2, and D1 in FIG. 4 of Martino et al. (reproduced below). Once the KEY STATE definition is chosen and known by the user, the user can press buttons 318A-318H to move symbols on the grid either horizontally or vertically (i.e., the movement of the symbols on the grid is performed one row or column at a time) in order to manually arrange the symbols to correspond to the appropriate locations on the grid as defined in the KEY STATE definition. *See* FIG. 4 of Martino et al.

Martino et al. FIG. 4



Accordingly, Martino et al. appears limited to symbols being moved one row or column at a time in order to arrange the symbols in a pre-determined configuration. Applicants respectfully submit that Martino et al. does not disclose, teach, or suggest at least that “ the

matching board moves to allow the certain cell of the matching board to correspond with the first cell of the reference board if the certain cell and the first cell are not already in correspondence with one another,” as recited in claim 21.

Since Martino et al. does not disclose all of the features of claim 21, claim 21 is not anticipated by Martino et al. Claims 22-24, 34-32, and 40 depend from independent claim 21, and are patentable at least for the reasons mentioned above, and on their own merits. Applicants respectfully request that the 35 U.S.C. § 102(b) rejection of claims 21-24, 34-32, and 40 be withdrawn and the claims allowed.

Claim 21 stands rejected under 35 U.S.C. § 102(e) as being anticipated by Cheol-Shin et al. (US 2002/0129269). This rejection is respectfully traversed.

Claim 21 recites a method of inputting a password for authentication comprising, *inter alia*, “displaying a matching board comprising a certain cell and at least one other cell and a reference board comprising a first cell and at least one other cell on a user interface; and receiving the password from a user matching the certain cell of the matching board with the first cell of the reference board comprising a password symbol, to authenticate the received password, such that the matching board moves to allow the certain cell of the matching board to correspond with the first cell of the reference board if the certain cell and the first cell are not already in correspondence with one another” (emphasis added). Applicants respectfully submit that Cheol-Shin et al. does not disclose at least these features.

To the contrary, Cheol-Shin et al. discloses that “the user generates a first event and the

event detecting unit detects the first event generated by the user. ... [T]he first event generated by the user ... change[s] the locations of the multiple pointers displayed on the screen.” ¶ [0090]. In other words, the multiple pointers are moved before the password is received. Applicants respectfully submit that Cheol-Shin et al. does not disclose, teach, or suggest at least that “receiving the password from a user ... , to authenticate the received password, ... the matching board moves to allow the certain cell of the matching board to correspond with the first cell of the reference board if the certain cell and the first cell are not already in correspondence with one another,” as recited in claim 21.

Since Cheol-Shin et al. does not disclose all of the features of claim 21, claim 21 is not anticipated by Cheol-Shin et al. Applicants respectfully request that the 35 U.S.C. § 102(e) rejection of claim 21 be withdrawn and the claim allowed.

Claim 25 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Martino et al. in view of Pimpo (US 6,021,653). This rejection is respectfully traversed. Claim 25 depends from independent claim 21 and is patentable at least for the reasons mentioned above, and on its own merits. Applicants respectfully request that the 35 U.S.C. § 103(a) rejection of claim 25 be withdrawn and the claim allowed.

It is respectfully submitted that a full and complete response has been made to the outstanding Office Action and, as such, there being no other objections or rejections, this application is in condition for allowance, and a notice to this effect is earnestly solicited. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided below.

Respectfully submitted,

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